

## ABSTRACT:

The invention relates to a deflection unit (10) for cathode ray tubes in which the energy for deflection is reduced. This is done by providing a magnetic material between frame coils (18) and line coils (17) of the deflection unit. In an advantageous embodiment of the invention, first void spaces (101) as well as second void spaces (102, 54) between the

- 5 frame coils and a yoke ring and/or third void spaces (52) between wire strands of the frame coils are filled. A deflection energy reduction of up to 30% can be obtained.

Fig.5